WHAT IS CLAIMED IS

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1. An apparatus for printing color inkjet images, comprising:

an image processing unit which processes

source color data to generate output color data

10 together with a signal indicative of an order of ink
squirts in which a plurality of inks of respective

an inkjet print unit which is configured to squirt the plurality of inks in different orders

of ink squirts, and prints color images based on the output color data by squirting the inks in the order of ink squirts indicated by said signal.

colors are squirted onto a given pixel; and

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- 2. The apparatus as claimed in claim 1, wherein said image processing unit includes:
- a lookup table which defines relationships
 25 between the source color data and the output color

data at a plurality of points in a color space; and a color correction unit which interpolates the output color data at a given point in the color space between the data points,

wherein said lookup table is configured such that some of said points in the color space are given two or more sets of the output color data.

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3. The apparatus as claimed in claim 2, wherein the two or more sets of the output color data are positioned on or near a border between the different orders of ink squirts.

4. The apparatus as claimed in claim 1, wherein said image processing unit includes:

image processing units which correspond to the different orders of ink squirts, respectively, and process the source color data to generate

25 respective output color data; and

a selecting unit which selects the order of ink squirts from the different orders of ink squirts, and selects one of said image processing units accordingly, thereby outputting the output color data together with the signal indicative of the order of ink squirts.

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5. The apparatus as claimed in claim 4, wherein said selecting unit selects the order of ink squirts on a page-specific basis.

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6. The apparatus as claimed in claim 4, wherein said selecting unit selects the order of ink 20 squirts on a pixel-specific basis.

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7. The apparatus as claimed in claim 4,

wherein said selecting unit selects the order of ink squirts on a block-specific basis.

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8. The apparatus as claimed in claim 4, wherein said selecting unit refers to amounts of ink consumption required by said inkjet print unit to

10 print the color images with respect to the different orders of ink squirts, and selects the order of ink squirts as requiring a least amount of ink consumption.

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9. The apparatus as claimed in claim 4, wherein said selecting unit refers to a gamut of colors reproducible by said inkjet print unit with respect to each of the different orders of ink squirts, and selects the order of ink squirts as being optimum in terms of representing a gamut of colors of the source color data.

10. The apparatus as claimed in claim 4, wherein said selecting unit refers to a mode selected by a user, and selects the order of ink squirts as being optimum in view of the selected mode.

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11. The apparatus as claimed in claim 1, wherein said inkjet print unit includes a plurality of nozzle lines, which are arranged in a main-scan direction, and are each comprised of a plurality of nozzles arranged in a sub-scan direction, said plurality of nozzle lines including two or more nozzle lines of the same ink color and at least one 20 nozzle line of a different ink color between said two or more nozzle lines.

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12. The apparatus as claimed in claim 11, wherein said plurality of nozzle lines are symmetrically arranged in respect of a center axis that extends perpendicularly to the main-scan direction.

an image processing unit which processes source color data to generate output color data together with a signal indicative of an order of ink squirts in which a plurality of inks of respective colors are squirted onto a given pixel; and

an inkjet print unit which is configured to squirt the plurality of inks in different orders of ink squirts, and prints color images based on the output color data by squirting the inks in the order of ink squirts indicated by said signal.

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14. A method of printing color inkjet images, comprising the steps of:

selecting an order of ink squirts based on source color data;

5 processing the source color data to generate output color data; and

printing color images based on the output color data by squirting inks from an inkjet print head in the selected order of ink squirts.

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15. The method as claimed in claim 14,

15 wherein said step of selecting the order of ink

squirts includes the steps of:

obtaining a gamut of reproducible colors with respect to each of different orders of ink squirts; and

selecting the order of ink squirts based on the obtained gamut of reproducible colors.

16. The method as claimed in claim 14, wherein said step of selecting the order of ink squirts includes the steps of:

obtaining amounts of ink consumption

required for printing the color images with respect to different orders of ink squirts; and

selecting the order of ink squirts based on the obtained amounts of ink consumption.

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17. The method as claimed in claim 14, wherein said step of selecting the order of ink

15 squirts includes the steps of:

obtaining a gamut of reproducible colors and amounts of ink consumption required for printing the color images with respect to each of different orders of ink squirts; and

selecting the order of ink squirts based on the obtained gamut of reproducible colors and the obtained amounts of ink consumption.

18. A method of printing color inkjet images, comprising the steps of:

selecting an order of ink squirts;

switching image processing on source color data in response to the selected order of ink squirts; and

printing color images based on the imageprocessed color data by squirting inks in the

10 selected order of ink squirts.

19. The method as claimed in claim 14,
wherein said inkjet print head includes a plurality
of nozzle lines, which are arranged in a main-scan
direction, and are each comprised of a plurality of
nozzles arranged in a sub-scan direction, said
20 plurality of nozzle lines including two or more
nozzle lines of the same ink color and at least one
nozzle line of a different ink color between said
two or more nozzle lines.

20. The method as claimed in claim 19, wherein said plurality of nozzle lines are symmetrically arranged in respect of a center axis that extends perpendicularly to the main-scan direction.

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